

### ABSTRACT

There is described an image-processing apparatus, which makes it possible to compensate for the defect pixel without causing a sense of incongruity in the image. The apparatus includes an image signal acquiring section to acquire the image signals representing an image recorded on a recording medium, a recognizing section to recognize a presence or absence of a defect pixel possibly included in the image signals and a compensating section to compensate for the defect pixel. The compensating section compensates for the defect pixel so that first order differential values of image signals of the defect pixel and those of non-defect pixels adjacent to the defect pixel continue to each other. The compensating section applies a multi-resolution conversion processing to the image signals so as to decompose them into high frequency band components and a low frequency band component, signal intensities of which are compensated for.